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Applicant : Andrew G. Gilicinski et al. Art Unit :
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Filed : February 13, 2004
Title : FUEL CELL

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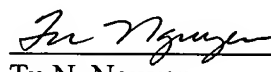
INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached form PTO-1449.

This statement is being filed with the application. Accordingly, only copies of foreign patent documents and non-patent literature are enclosed. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: February 13, 2004



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Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 08935-300001	Application No.
	Applicant Andrew G. Gilicinski et al.		
	Filing Date	Group Art Unit	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	US 2003/0215686 A1	11/20/03	DeFilippis et al.			
	AB	US 2003/0165720 A1	09/04/03	DeFilippis			
	AC	6,125,131	09/26/00	Brandes et al.			
	AD	5,599,638	02/04/97	Surampudi et al.			

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AE	WO 03/096445 A1	11/20/03	PCT				

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AF	Kallo et al., "Conductance and Methanol Crossover Investigation of Nafion Membranes in a Vapor-Fed DMFC", Journal of the Electrochemical Society, 150, A765-A769, 2003
	AG	Hedenqvist et al., "Two-stage sorption in rubbery semicrystalline polymers: transport of primary alcohols in polyesteramide", Polymer, 43, 3061-3068, 2002
	AH	Tiller et al., "Designing surfaces that kill bacteria on contact", PNAS, Vol. 98, No. 11, 5981-5985, May 22, 2001
	AI	Oh et al., "Prediction of sorption and flux of solvents through PDMS membrane", Polymer, 42, 6305-6312, 2001
	AJ	Klug et al., "Selective Removal of Methanol from Humid Air Streams Using a Water-Vapor-Purged Membrane Separator", Ind. Eng. Chem. Res., 40, 2685-2692, 2001
	AK	Yu I. Tarasevich, "Interaction of Water and Other Polar Substances with Various Sorbents according to Calorimetric and Chromatographic Data", Theoretical and Experimental Chemistry, Vol. 37, No. 4, 197-214, 2001
	AL	Sanopoulou et al., "Study of the transition from Fickian to Case II sorption kinetics in the system poly(ethyl methacrylate)-liquid methyl alcohol", Polymer, 42, 1429-1439, 2001
	AM	Fornasiero et al., Vapor-Sorption Equilibria for 4-Vinylpyridine-Based Copolymer and Cross-Linked Polymer/Alcohol Systems, Effect of 'Intramolecular Repulsion"', Macromolecules, 33, 8435-8442, 2000
	AN	Kamaruddin et al., "Sorption of Methanol/MTBE and Diffusion of Methanol in 6FDA-ODA Polyimide", Journal of Polymer Science: Part B: Polymer Physics, Vol. 38, 2254-2267, 2000
	AO	Lim et al., "Gas Permeable Membranes Composed of Carboxylated Poly(vinyl chloride) and Polyurethane", Bull. Korean Chem. Soc., Vol. 20, No. 6, 672-676, 1999
	AP	Doghieri et al., "Sorption and Diffusion of <i>n</i> -Akanes and Alcohols in Poly (1-trimethylsilyl-1-propyne)", American Chemical Society, 38-55, 1999
	AQ	Kim et al., "Measurements of Vapor Sorption Equilibria of Polymer Solutions and Comparative Correlation by GE-Models and Lattice Equations of State", Korean J. Chem. Eng., 15(2), 199-210, 1998

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Andrew G. Gilicinski et al.	
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Other Documents (include Author, Title, Date, and Place of Publication)		
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	AR	Kim et al., "Measurement and correlation of vapor sorption equilibria of polymer solutions", Elsevier Science B.V., Fluid Phase Equilibria, 150-151, 679-686, 1998
	BA	Rezac et al., "Effect of Copolymer Composition on the Solubility and Diffusivity of Water and Methanol in a Series of Polyether Amides", Journal of Applied Polymer Science, vol. 65 (10), 1983-1993, 1997
	BB	Favre et al., "Sorption, diffusion and vapor permeation of various penetrants through dense poly (dimethylsiloxane) membranes: a transport analysis", Elsevier Science B.V., Journal of Membrane Science, 92, 169-184, 1994
	BC	Biren et al., "Effect of initial sample anisotropy on the solvent sorption kinetics of glassy poly (2-hydroxyethyl methacrylate)", Polymer, Vol. 33, No. 3, 554-561, 1992
	BD	Reisig et al., "Phase Equilibria of the Binary Systems CF ₄ +Methylpropane and CF ₄ +Dimethylpropane Measured in a New Low-Temperature High-Pressure Apparatus", Elsevier Science Publishers B.V., Fluid Phase Equilibria, 51, 269-283, 1989
	BE	Baker et al., "Separation of Organic Vapors from Air", Journal of Membrane Science, 31, 259-271, 1987
	BF	Nagy et al., "Effect on the Structure of Liquid Mixtures of the Equilibria of Polymer Gel-Aliphatic Alcohol-Water Systems", Acta Chimica Academiae Scientiarum Hungaricae, Tomus 74, (2), 233-238, 1972
	BG	J.A. Barrie, "Diffusion of Methanol in Polydimethylsiloxane", Journal of Polymer Science, Part A-1, Vol. 4, 3081-3088, 1966

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